

Acetylene-Allene Rearrangements. II. The Reaction
of Alcoholic Alkali, and of Alcoholates and
Acetates of the Alkali Metals upon Acetylene and
Allene Chlorides, by A. N. Pudovik, 10 pp

RUSSIAN mo per Zhur Obshch Khim Vol XXI No 8
USSR No 8 Aug 1951, pp 1462-1472

Consultants Bureau Vol 21 No 8

A 9596

New Method of Synthesis of Esters of Phosphic and
Thiophosphonic Acids, by A. N. Pudovik.

RUSSIAN, mo per, Uspekhi Khim, Vol XXIII, No 5, 1954,
pp 547-548. CIA O 515369, 1971/1

NIH 9-13

Assoc Tech Sv RJ 274

Scientific - Chemistry

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NJ

Feb 56 31,044

The Addition of Dialkylphosphorous Acids to
Unsaturated Compounds. VI. The Addition of
Dialkylphosphorous Acids to Ethyl Cinnamate and
Ethyl Crotonate, by A.N. Rudovik, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII,
No 7, Jul 1952, pp 1143-1146.

Consultants Bureau

USSR

Scientific - Chemistry

Feb 54 CTS

9701

The Addition of Dialkylphosphorous Acids to Unsaturated
Compounds. III. A New Method of Synthesizing
 β -Ketophosphinic Esters, by A.N. Pudovik, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,
USSR, Mar 1952, pp 462-467. CIA D 182345

Consultants Bureau

Scientific - Chemistry

7515

Dec 53 CTS

The Addition of Dialkylphosphorous Acids ⁷⁰ ~~to~~ Unsaturated
Compounds. IV. The Addition of Dialkylphosphorous Acids
to Unsaturated Aldehydes. A New Method of Synthesizing
Unsaturated α -Hydroxyphosphinic Esters, by A.N. Pudovik
and Yu. P. Kitaev, ~~NY~~ 5 pp.

Full Translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,
USSR, Mar 1952, pp 467-473. CIA D 182345

Consultants Bureau

Scientific - Chemistry

7508

Dec 53 CTS

The Addition of Dialkylphosphorous Acids to Unsaturated Compounds. V. The Addition of Dialkylphosphorous Acids to Methyl Acrylate, Vinyl Acetate, and Vinyl Butyl Ether, by A.N. Pudovik, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,
USSR, Mar 1952, pp 473-478.

CIA D 182345

Consultants Bureau

Scientific - Chemistry

7509

Dec 53 CTS

Tin-Phosphorus-Organic Compounds, by B. A. Arbusov,
A. N. Pudovik, 8 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 12,
1947.

ANC-7-TS-6981-RE

AEC Tr 1270

ATS RJ-1646

12,824

Also Avail at Brookhaven Nat'l Lab
Scientific - Chemistry

May CTS

Addition of α -Halogen Ethers to Butadiene³, by
A. M. Pudovik, V. I. Nikitina, S. K. Aigistova, ~~Lab of~~
~~Org Chem, Moscow U.~~

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 2,
Feb 1949, pp 241-250.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,897

Dealkylation of Isomeric Tributeryl Phosphites with
Hydrogen Chloride, by A. N. Pudovik, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,
1957, pp 2755-2759.

Consultants Bureau

Sci - Chem
Jan 59

78,965

Allylic Rearrangements. XIX. Reactions of Organomagnesium Compounds and Diethyl Sodium Phosphite With Isomeric Isoprene Hydrochlorides and Methoxychloroisobutenes, by A. N. Pudovik, I. V. Shergina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10, 1957, pp 2750-2754.

Consultants Bureau

Sci - Chem
Jan 59

78,964

The Addition of Dialkyl Phosphorous Acids to Unsaturated Compounds. I. The Addition of Dialkyl Phosphorous Acids to $\beta\beta$ -Dimethyl Divinyl Ketone, by A. N. Pudovik, B. A. Arbuzov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951.

pp. 382-388

CIA D 182337

Consultants Bureau Translation

Scientific - Chemistry

12,825

Addition of Dialkyl Phosphorous Acids to Unsaturated Compounds. VII. Addition of Dialkyl Phosphorous Acids to α , β - Unsaturated Ketones of the Aliphatic Series, by A. N. Pudovik, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 8, Aug 1952, pp 1371-1376.

Consultants Bureau

Sci - Chemistry

Feb 54 CTS

98.63

Reaction of Addition and Condensation of
Phosphonoacetone and of the Phosphonoacetic
Ester, by A. N. Pudovik, N. N. Lebedeva,
7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XC, No 5, 1953, pp 799-802. CIA D
197094

NIH

Sci - Chemistry

Jul 1956

SLA/R103/57
36,303

RT-4033

The Addition of α -Halogen Ethers of the $\text{CH}_3\text{CHCl-O-R}$
Type to Butadiene, by A. N. Pudovik, 7 pp.

Full translation

RUSSIAN, no per, Zhur. Obshch. Khim., Vol XXII, No 5,
May 1952, pp 773-780. *CIA D 182347*

Consultants Bureau

Sci - Chem

Dec 53 CTS

7446

Addition of Phosphonoacetic Ester and its Homologs
to Unsaturated Electrophilic Reagents, by A. N.
Pudovik, N. M. Lebedeva, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, 22, pp 2128-2132,
1952.

CIA/TDD/X-840

Scientific - Chemistry

Jun 53 CTS/DEX

2290

Allyl Rearrangements. XVI. Formation of Acetates
and Alcohols From Butoxychloropentenes, by A. K.
Ludovik and V. I. Nikitina, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII,
No 8, Aug 1952, pp 1377-1379.

Consultants Bureau

Sci - Chemistry

Feb 54 CTS

9864

New Method of Synthesis of Esters of Phosphonic and Thiophosphonic Acids. XVIII. Addition of ~~XXXXXXXX~~ Dialkylthiophosphorous Acids to Idemic Derivatives of Malonic and Acetoacetic Esters, by A. N. Padovik, L. I. Sidnikhina, 5 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 7, 1954, pp 1193-1197. CIA C 41479

Consultants Bureau

32,980

Scientific - Chemistry
Apr 56 CES/dex

New Method of Synthesis of the Esters of Phosphinic and Thiophosphinic Acids. XIX. Addition of Dialkylthiophosphorous Acids and Esters of Phosphinous Acid to Unsaturated Nitriles and Vinylphosphinic Ester, by A. N. Pudovik, N. G. Poloznova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV, No 4, Apr 1955, pp 778-782. CIA C 395 00

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,876

A New Method of Synthesis of Esters of Phosphinic and Thiophosphinic Acids. XX. Addition of Partial Esters of Phosphorus Acids to Esters of Isocyanic Acid., by A. N. Pudovik, A. V. Kuznetsova, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 7, 1955, pp 1369-1372. CIA C 42051

Consultants Bureau

34,255

Scientific - Chemistry
May 56 ~~STK~~/dex
CTS

New Method of Synthesis of Esters of Phosphonic and Thiophosphonic Acids. 16. Synthesis of Esters of Mono-, Diphosphono- and Thiophosphonocarboxylic Acids, by A. N. Pudovik, D. Kh. Yarmukhametova, 8 pp.

RUSSIAN, bimo per, IZ Ak Nauk SSSR, Otdel Khim Nauk, No 4, USSR, 1974, pp 636-643. CIA D 151337

Consultants Bureau

Scientific - Chemistry

OTS 69/Jun 55

24,598

Addition of Hydrogen Halides to Piperylene
and Reaction of Halopentenes, by A. N. Pudovik,
N. B. Sharipova, 4 pp.

RUSSIAN, no per, Zhur Obsheh Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 589-593. CIA C 39388

Consultants Bureau

Scientific - Chemistry
CTS 74/Nov 55

27,944

The Synthesis and Properties of Vinylphosphinic Esters. I. The Phosphonethylation Reaction. Addition of Dialkylphosphorous Acids, Ammonia and Amines to the Ethyl Ester of Vinylphosphinic Acid, by A. N. Pudovik, G. M. Denisova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 2, 1953, pp 263-266.

Consultants Bureau

Scientific - Chemistry CRS/DEK 18,069

The Synthesis and Properties of ~~Vinylphosphinic Esters~~
Vinylphosphinic Esters. II. The Phosphonethylation
Reaction. Addition of Malonic, Cyanoacetic and
Acetoacetic Esters and Their Homologs to Vinyl-
phosphinic Ester, by A. N. Pudovik, O. N. Grishina,
5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 2, 1953, pp 267-271.

Consultants Bureau

Scientific - Chemistry

OTS/DEX

18,053

New Method of Synthesis of Esters of Phosphonic
and Thiophosphonic Acids. Part 12. Addition
of Dialkylphosphorous Acids to Unsaturated
Dibasic Acids and Their Esters, by A. N.
Pudovik.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 5, 1952, USSR, pp 926-931.

NIH 9-61

Assoc Tech Sv RJ-104

Sci - Chemistry

~~\$8.80~~ (\$1.20)

\$4.40

Aug 54

17,140

New Method of Synthesis of Esters of Phosphonic
and Thiophosphonic Acids. Part 13. Addition
of Diethylthiophosphorous Acid to Ketones and
Aldehydes, by A. N. Pudovik, G. A. Zametaeva.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 5, 1952, USSR, pp 932-939.

N1H 962

Assoc Tech Sv RJ-105

Sci - Chemistry

~~\$11.40~~ (\$1.50)

\$5.70

17,141

Rearrangement of the Allyl Structure. IV.
The Influence of Sodium and Magnesium Ethers
on Isomerism, by A. M. ~~SELEN~~ Pudovik, B. A.
Arbuzov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1947, pp 501-508.

Res Info Sv R.568

Sci - Chemistry
Jan 1956/CTS No 77

30,530

53 Nassau St., New York 5, N.Y.

New Method for Synthesis of Phosphinic and
Thiophosphinic Acid Esters. Part II. Addition of
Di-Alkylphosphorous Acids to the Amide and Esters of
Methacrylic Acid, by A. N. Pudovik, D. Kh. Yarmuk-
hametova, 4 pp. UNCLASSIFIED

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, 11: 4,
1952, pp 721-726.

14149-60

Consultants Bureau

16,959

Scientific - Chemistry

CTB/DEK

RJ-103
(3.50)

A NEW New Method of Synthetizing Esters of
Phosphinic and Thiophosphinic Acids, by A. N.
Pudovik, R. D. Sabirova, T. A. Tener.

RUSSIAN, per, Zhur Obshch Khim, USSR, Vol
XXIV, No 6, 1954, pp 1026-1032.

Def Sci Info Sv
DRB T.147.R

Scientific - Chemistry Feb 55 CTE/DEX

011-524467 26193

Allylic Rearrangements. XVIII. Reaction of Isomeric
Methoxychloropentenes With Salts of Xanthogenic
Acids, by A. N. Pudovik, S. V. Zotikova, 4 pp.

UNCLASSIFIED

RUSSIAN, no per, Zhur Obshch Khim, No 9, 1952,
pp 1559-1562.

Consultants Bureau

Scientific - Chemistry

CTB/DEX 17,004

72
Allylic Rearrangements. XVII. Reaction Between Organo-
Magnesium Compounds and Isomeric Methoxychloropentenes,
by A. N. Pudovik, V. I. Nikitina, 6 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Obshch Khim, No 9, 1952,
pp 1553-1558.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

17,003

Oxidation of Divinyl, Isoprene and Piperylene With Acetyl Peroxide, by A. H. Pudovik, B. E. Ivanov, 4 pp.

RUSSIAN, no per, ~~Chem~~ Obshch Khim, Vol XXVI, No 10, Oct 1956, pp 2771-2772.

Consultants Bureau

Sci - Chemistry
Mar 58

60,112

Addition Reactions of α -Oxides of Piperylene, by A.
N. Pudovik, B. E. Ivanov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2768-2770.

Consultants Bureau

Sci - Chemistry
Mar 58

60,111

Action of Alkyl Halides and Allyl Bromide on
Sodium Dibutylthiophosphite, by A. N. Pudovik,
K. A. Kovyrzina, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2,
USSR, Feb 1954, pp ~~307-310~~. CIA D 151278
307-310.

Consultants Bureau

Scientific - Chemistry

CTB 67/Apr 55

22, 9/6

Acetylene-Allene Rearrangements. IV. An Ionic Theory
of Acetylene-Allene Rearrangements, by A. N.
Pudovik, 8 pp.

Full translation.

RUSSIAN, per, Zhur Obsh Khim, Vol XXI, No 10, Oct 1951,
pp 1811-1817. CIA D 182340

Consultants Bureau, 1952

Oct 1951

USSR

Scientific - Chemistry

A-9589

The Addition of Dialkylphosphorous Acids to Unsaturated Compounds. II. The Addition of Dialkylphosphorous Acids to Acrylonitrile and Methyl Methacrylate, by A. N. Pudovik, B. A. Arbuzov, 6 pp.

Full translation.

RUSSIAN, per, Zhur Obsh Khim, Vol XXI, No 10, Oct 1951, pp 1837-1840. CIA D 182340

Consultants Bureau, ~~1952~~ Oct 1951

CSR

Scientific - Chemistry

A 283

The Addition of Dialkylphosphorous Acids to
Unsaturated Compounds. IX. Reaction of Sodium
Diethylphosphite With Allyl Bromide and With
Isomeric Chlorobutenes, by A. N. Pudovik, M. M.
Frolova. ~~XXXXXXXXXX~~ 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 11,
1952, pp 2052-2057.

12,219
Scientific - Chemistry

Consultants Bureau

May CTS/DEX

The Addition of Dialkylphosphorous Acids to Unsaturated Compounds. VIII. Addition of Dialkylphosphorous Acids to Ethylidene- and Benzylidene-Malonic and Acetoacetic Esters, by A. N. Pudovik. 4 pp.

RUSSIAN, no per, Zhur Obsch Khim, Vol XXII, No 11, 1952, pp 2047-2051.

12,218
Consultants Bureau

Scientific - Chemistry

May CTS/DEX

A New Method of Synthesis of Esters of Phosphinic
and Thiophosphinic Acids. XXXII. Addition of
Phosphonoacetic Ester, Phosphonoacetone and its
Homologs to Unsaturated Compounds, by A. N.
Podvilk, N. N. Lebedeva, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV, No 10,
1955, pp 1980-1983. CIA 542763-0, reel 3.

Consultants Bureau

37,467

Scientific - Chemistry
Aug 56 OHS

V
A New Method of Synthesis of Esters of Phosphinic
and Thiophosphinic Acids. XXI. Addition of
Dialkylthiophosphorous and Dialkyldithiophosphorous
Acids to Anils, by A. N. Pudovik, M. K. Sergeeva,
~~and~~ 6 pp.

RUSSIAN, mo. per, Zhur Obshch Khim, Vol XXV, No 9,
Sep 1955, pp1759-1765. CIA C 42158.

Consultants Bureau

35,474

Sci - Chemistry

Jun 1956/Dex

Heterochain Polymers Containing Phosphorus
and Oxygen Atoms in the Main Polyphosphino-
phosphates and Polyphosphinates, by A.N.
Pudovik.

RUSSIAN, per Vysokomolek. Soedin, Vol. 6,
1964, pp 259-264
NLL/5828.4 1965 (5660)

A.N. Pudovik

Sci -
Aug 67

337-56

Pudovik, A. N., Muratova, A. A. and others.
REACTIONS OF ESTERS OF ALKYLPHOSPHONIC
ACIDS WITH HALOGEN COMPOUNDS. [1960] 7p.
Order from ATS \$8.40 ATS-68M45R

Trans. of *Zhur[nal] Obshchey Khim[ii] (USSR) 1960,
v. 30, no. 8, p. 2624-2630.

(Chemistry--Organic, TT, v. 5, no. 6)

61-12343

1. Alkyl phosphonic acids--
Chemical reactions
2. Esters--Chemical reactions
3. Halogen compounds
(Organic)--Chemical
reactions

- I. Pudovik, A. N.
- II. Muratova, A. A.
- III. ATS-68M45R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Use of the Geometric Form of $\Omega_2(r)$; 3. Zero Isoclines
in the Interpretation of Magnetic Anomalies
By I. M. Pudovkin and V. I. Kolesova pp 13

RUSSIAN, per, Geomagnet i Aeron. Vol I, No 6, 1962

ACU

Sci

340, 638

Jul 63

Acetylene- Allene Rearrangements. III. The Action
of Organomagnesium Compounds on Dimethylvinylethyl-
chloromethane, by A. P. Pudovik and L. A. Mukhamedova
6 pp

RUSSIAN mo per Zhur Obshch Khim Vol XXI No 8
USSR No 8 Aug 1951 pp 1472-1476

Consultants Bureau Vol 21 No 8

AS209

Flow of a Visco-Plastic Dispersion System in a
Conical Diffuser, by Tyabin, Pudovkin

RUSSIAN, thrice-mo per, Dok Ak Nauk Vol XCII, No 1,
p 53.

Sci Am Lib 54/1735
NSF 209

Scientific - Extn Physics

CTB/DEX

9676

Magnetic Variation in the High Latitudes, by
I. M. Pudovkin, 6 pp.

See Prefig.
RUSSIAN, per, Izvest. Akad. Nauk SSSR, Vol VII,
1956, pp 835-837.

S.L.A. Tr No R-203

Sci - Meteorology

Apr 57

46,895

Dept. Interior

4375 32004 T233x

Some Questions in the Theory of Interpretation of
Magnetic Anomalies, by I. M. Pudovkin, 8 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel' Inst
Zemnogo Magnetizma, No 7 (17), 1952, pp 3-7.

CIA 600685

ATIC F-TS-10009/V

Sci - Geophysics
Nov 56 CFS

46, 478

On Variations of the Magnetic Field During Production
in Regional Aeromagnetic Precision Surveys, by I. M.
Pudovkin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8, 1956,
pp 997-998.

ACIC

DRB - Canada - T.393.R

Sci - Geophys

203,147

Jun 62

THE CONSTANT MAGNETIC FIELD AND MATHS RELATIONS
IN STRONG FT, BY V. I. POLJANSKY, I. M. ZHURAVIN,
ET AL., 12 PP.

RESEARCH, FOR, INDEPENDENT FOR CONSTRUCTION, 196,
PP 3-10.

4746 31973

EARTH SCI
SEP 63

31,570

CURRENT STATUS OF RESEARCH ON THE CURRENT GEOMAGNETIC
FIELD IN SOVIET UNION, BY V. I. POCHINOV, I. N.
PUDOVICH, ET AL., 11 PP.

RUSSIAN, FOR, SVOEDOMIYA PO GEOMAGNETIZMU, 1962,
PP 11-16.

JPRS 11073

EARTH SCI
SEP 62

91.671

Application of the Function $S(o,h) = Z(o,h)/(aZ(o,h)/a)$ to the Interpretation of Magnetic Anomalies.

By I. M. Pudovkin and V. I. Kolesova, pp. 10

RUSSIAN, per, Geomagnet i Aeron, Vol I, No 5, 1961

AGU

Sci

Jun 63

342,379

Three-Dimensional Calculations of Vertical Gradients
of Horizontal and Vertical Components of the Magnetic
Field in the Interpretation of Anomalies, by I. M.
Pudovkin, 14 pp.

RUSSIAN, per, Priklad Geofiz, No 13, 1955, pp 99-109.

CIA 600692

ATIC F-TS-10091/V

Sci - ⁰Geophysics

46,454

Pudovkin, M. A.
SOLUTION OF A PROBLEM IN SUBSURFACE
HYDROMECHANICS UNDER ELASTIC CONDITIONS.
[1963] 9p.
Order from ATS \$11.00

ATS-11Q69R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedeni.
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 39-45.

DESCRIPTORS: *Fluid flow, Liquids, Motion,
*Hydrodynamics, *Elasticity.

(Mechanics--Hydrodynamics, TT, v. 10, no. 5)

63-17483

I. Title: Hydromechanics
I. Pudovkin, M. A.
II. ATS-11Q69R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

A242884

Office of Technical Services

Diurnal Variation of the Intensity of Auroras and S_D
Variation, by G. A. Loginov, M. I. Pudovkin 5pp

RUSSIAN, per, Geomagnet i Aerom, Vol II, No 5, 1962,
pp 855-860.

AGU

243, 086

Sci
Nov 63

(DC-6503)

Recombination in the E_s Layer at Night, by M. I.
Pudovkin, 10 pp.

RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol I,
No 4, 1961, pp 552-556.

JPRS 12205

Sci - Geophys
Feb 62

182,381

Sources of Bay-Shaped Disturbances, by
M. I. Pudovkin, 5 pp.

RUSSIAN, per, Iz Ak Nauk, Ser Geofiz, No 3,
1960 pp 484-489

Amer Geophys Union

Sci.

Dec 60

134,862

Recombination Processes in the Lower
Ionosphere, by M. I. Pudovkin,
RUSSIAN, per, Geomagnetizm i Aeronomiya,
Vol VI, No 5, 1966, pp 875-880.
CIA/FDD X-6212

M. I. Pudovkin

Sci - ~~XXXXXXXXXX~~
Atmos Sci
Apr 67

324,154

Minerals of Uranium: Reference Book, by M. V.
Soboleva, I. A. Pudovkina.

RUSSIAN, bk, Mineraly Urana: Spravochnik, 1957,
455 pp.

AEC Tr-4487

Sci - Min/Metals
Aug 62

211, 442

Pudovkina, I. A.

PRECISE METHODS OF DETERMINATION OF THE REFLECTIVITY AND HARDNESS OF ORE MINERALS (Tochnyye Metody Opredeleniya Otrazhatel'noy Sposobnosti i Tvordosti Rudnykh Mineralov) tr. by L. J. Mittin. [1960] [34]p. 18 figs. 18 tables omitted) 27 refs.

Order from LC or SLA mi\$3.00, ph\$6.30 61-19242

Trans. of mono. Sovremennyye Metody Mineralogicheskova Issledovaniya Gornyykh Porod, Rudi Mineralov (Modern Methods of Mineralogic Investigation of Rocks, Ores and Minerals) Moscow, 1957, p. 139-183.

(Earth Sciences--Mineralogy, TT, v. 5, no. 12)

61-19242

1. Minerals--Reflective effects
2. Ores--Physical properties
 - I. Pudovkina, I. A.
 - II. Geological Survey, Washington, D. C.

Office of Technical Services

Minerals of Uranium: Reference Book, by
M. V. Soboleva, I. A. Pudovkina,

RUSSIAN, bk, 1957.

AEC Tr-4487

Sci - Min/Met
Jul 61

157,417

the Primary Mechanism for Charging an Aerosol Layer
in Subinversion Stratocumulus Clouds, by I. B. Pudovkina
B. Sedunov, 6 pp.

ISIAR, per, Iz Ak Nauk SSSR, Seriya Geofiz, No 6,
63, pp 966-977.

EB
AGU

63

241,826

An Investigation of Changes in the American
Economic Field in the Soviet Region, by L. E. Farkovskiy.
4 pp.
Moscow: Sov. Ek. Mysl, 1964, 200 p., 11,
1964, pp 178-179.

ACB

See
Mar 44

257,701

Study of Atmospheric Electricity on the Elbrus
Mountain, by I. B. Pudovkina, 10 pp. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 3,
1954, pp 288-292. 9660795

ATDC F-TS-9947/III

*f

Sci - Geophys

Apr 61

149,439

S-532/60

(NY-4649)

Measuring Electrical Charges in Artificial Fogs
and Natural Clouds, by I. B. Pudovkina, A. P.
Katsyka, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5,
1960, pp 707-713.

JPRS 5356

Sc1 - Geophys

Sep 60

125,679

81
Binary System of Sodium Chromate-
Calcium Chromate, by Ya. E. Vilyansky,
O. I. Pudovkina.
RUSSIAN, per. Zhurnal Obshch. Khimii.
Vol 18, No 8, pp 1813-1816, 1946 9239000
AEC EC-T-60-723

O. I. Pudovkina

Sci-Chem
Vol 63

290,047

Role of Sodium Ferrate in the Formation of Sodium Chromate From Soda and Natural Chromite, by Ya. E. Vil'nyanski and O. I. Pudovkina.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXII, No 7, 1949, pp 683-688.

Assoc Tech Sv Tr RJ-93

Scientific - Chemistry

Mar 53 CTS

A 9596
\$12.40 (\$1.50)

Mineral Composition of the Roasted Mass in
Sichromate Production, by O. I. Pudozhina,
M. V. Kireyeva, V. M. Morgunova, 6 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXII, No 3,
1959. pp 499-503.

Consultants Bureau

Sci

May 60

118,188

The Mineralogical Composition of the Roasted Mass in
Dichromate Production, O.I. Pudovkina, and M.V. Kireyeva
6 pp.

RUSSIAN, no per Zhur Prii Khim SSSR, Vol XXIX, No 6,
Jun 1956, pp 828-837. *CIA 9048317*

2

Consultants Bureau

Sci - Chemistry
May 57

47,156

Kinetics of Accumulation of Organic Substances
in the Long Continuous Production of Alumina
by the Bayer/~~BA~~/ Method, by F. F. Vol'f and Q. I.
I. Pudovkina, 20 pp.

RUSSIAN, per, Legkie Metal, Vol IV, No 8, 1935,
pp 24-34.

Morris D. Friedmann V-112

Sci

71, 686

Aug 58

The Gas Phase in the Process of Roasting Chromite
Charges, by O. I. Pudovkina, N. A. Gushchina,
6 pp.

Full translation.

RUSSIAN, per, Zhur Prik Khim, Vol XXIV, No 11,
Nov 1951, pp 1136-1139

Consultants Bureau

USSR

Scientific - Chemistry, gas, chromite

1046

Crystal Structure of Nonmetamict Orthite, by
Z. V. Pudovkina, Yu. A. Pyatenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CLIII, No 1-6, Nov, Dec 1963, pp

Amer Geol Inst

Sci
Jul 65

"One Cannot Manage Without This Knowledge," by
Capt 1st Rank V. Pudrikov,

RUSSIAN, mp, Sovetskiy Flot, 9 April 1960, p 2

CIA/TDD/Sum 2585

USSR

Military - Radio Electronic Equipment

116,071

Project No: SMIR No 82 (F00 Sum No 2585)

"One Cannot Manage Without This Knowledge," by
Capt 1st Rank V. Pudrikov.

RUSSIAN, nsp, Sovetskiy Flot, 9 April 1960, p.2.,
Moscow

USSR
Military -- Radio Electronic Equipment

(DC-3801)

Vargas Puebla Speaks to Chilean CP Central
Committee on CP and Trade Union Movement, by
Juan Vargas Puebla, 14 pp.

SPANISH, np, El Siglo (The Century), 22d Year,
No. 3298, Santiago, 28 Jan 1962, pp 10, 12.

JPBS 12871

LA-Chile
Pol
Mar 62

186,972

International Shipbuilding, by R. Pusch, 22 pp.
FRENCH, per, in *Revue Maritime*, Dec 1964, pp 1437-1454.
Dept of Navy Tr 4131/ONS Tr 1070

102

Sci - Eng
Aug 65

284,287

Pusch, R.

Radar Bomb or Mine, by Lucien Puechberty.

GOVERNMENT USE ONLY

FRENCH, Patent No 1,175,179. P200159868-V

FSTC-HT-23-160-68

Lucien Puechberty

HEur

Mil

Jul 68

357,357

CONTRIBUTION TO THE ECONOMIC THEORY OF THE FIRM
BY A. PIERCE, JR.

MEMPHIS, TENN., MAY 11, 1968. FROM MEMPHIS TO DIRECTOR, FBI, WASHINGTON, D.C. RE: MARTIN LUTHER KING, JR.; CIVIL RIGHTS; MURDER; CONSPIRACY. 44-1987-100. 1P.

SECRET

REC- 30
OCT 63

OCT 61

10

Organic Solvents in Flame Spectrometry, by
A. Prieschel, S. Eckhard. UNOL

ZERNMAN, per, Arch fuer das Eisenhuettenwesen,
No 12, 1959, pp 731-735.

BISI 1636

(L3 10a. 04.)

Sci - Chem; Phys

Mar 60

111,157

Following is an explanation of abbreviations
used in this file:

FP - Foreign Press

CS - Communist Press

ASU - American Supplyment Union

AIP - American Institute of Physics

AISM - American Institute of Statistical Science

AISS - American East Asia Research Institute

(DC-3502)

Three Thoughts on the Historical Drama, by
Tai Pu-fan, 18 pp.

CHINESE, per, Hung-ch'i, No 6, 16 Mar 1962,
pp 15-20.

JPRS 1368A

3

Asia - China
Soc
May 62

194,240

Photocurrents in Semiconductors with
Carriers, by H. Puff, 18 pp. 89
GERMAN, per, Physica Status Solidi,
Vol VI, No 3, 1964, pp 975-990. 9699087
FTD-TT-65-766

Sci - Elec
Jan 66

H. Puff

294,749

56
ferromagnetic of Mg²⁺ and some mixed
crystals of Mg²⁺, by Robert Judd,
Heinrich Puff.
Z. Naturf., part, 3 zur Elektrochemie, Vol. XXI,
no 7, 1957, pp 519-523. 9231683
AD-551, Tr-234

Puff, Heinrich

Sci - Chem
JAN 58

254,241

Theory of the Photoelectron Emission by Metals.
I. Calculation of the External Energy Angular ~~EXTENSION~~
Distributions of the Photoelectrons, by Heinz Puff,
39 pp.

GERMAN, per, Phys Status Solidi, No 1, 1961,
pp 636-649; 704-715.

AEC-UCRL-Tr-907(L)

Sci - Phys

Jul 63 .

238,210

153
Concerning the Theory of Secondary Electron
Emission - The Transport Process (I), by H. Puff.
GERMAN, per. Physica Status Solidi, No 4, 1964,
pp 125-138.

*AFCHL

H. PUFF

Sol-Phys
Oct 68

On the Theory of the Secondary Electron Emission -
The Transport Process (II), by H. Puff.

GERMAN, per, Physica Status Solidi, No 4, 1964,
pp 365-382.

*ANCL

Sci-Phys
Oct 68

H. PUFF

on the Theory of Secondary Electron Emission -
The Transport Process (III), by H. Puff.
GERMAN, per, Physica Status Solidi, No 4, 1964,
pp 569-586.

*AFCRL

Sci-Phys
Oct 68

H. Puff

Quantum Mechanical Derivation of Formulas for the
Antiferromagnetic Resonance, P'u Fu-ch'o, 28, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2,
1961, pp 476-483

AIP
Sov Phys-Solid State
Vol III, No 2

166, 046

Sci
Aug 61

Spectrum of Spin Waves

By P'u Fu-ch'io and Meng Hsien-chen pp 7

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 8
1962, pp 2141-2140

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 8

Sci

341, 038

Jun 63

gher Approximations in the Theory of Ferromagnetic
esonance, by S. V. Tyablikov, Pu Fu-ch'o, 2 pp.

SSIAN, par, Fiz Tverdogo Tela, Vol III, No 1,
1961, pp 142-145.

AIP
Sov Phys-Solid State
Vol III, No 1

i
1 61

161,201

An Approximate Method for the Calculation of the Magnetization of an Isotropic Antiferromagnetic material
by P'u Fu-ch'io, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 3, 1960,
pp 546-548.

AJP

Sov Phys - Doklady

Vol V, No 2

Sci
Nov 60

132, 768